

# THE GOVERNOR'S MESSAGE.

## SYNOPSIS OF THE SUGGESTIONS OF OUR CHIEF MAGISTRATE.

An Exhaustive Review of the Financial, Educational and Industrial Condition of the State—An Able and Interesting Paper.

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The first matter considered is the PUBLIC DEBT, which is now \$6,222,188.24, consisting of Brown bonds, valid Green bonds, deficiency bonds, and agricultural land scrip.

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The Governor urges the adoption of some measure by which the school fund may "catch up" for the "lost year," and teachers be paid.

The various educational institutions of the State are in a flourishing condition.

The State Military Academy now has four classes, the full number provided for in the course of instruction, and during the coming year it will send forth its first class of graduates since its reorganization in October, 1882. There are at present 100 students in the South Carolina College, and it is likely that the number will reach 230 shortly. The present attendance is the largest since the war. In concluding his remarks on the College, the Governor says: "The leading States of the North and South are rapidly building up their institutions of higher learning. North Carolina has recently strengthened her university by largely increased appropriations and by the addition of several new chairs, and Virginia has within the last year given over \$100,000 to her chief seat of learning. Mississippi has granted her Agricultural College more than \$200,000, and Alabama and Georgia have appropriated large sums for the establishment and support of technical schools in connection with their State colleges. These appropriations are sums safely invested, promising large and speedy returns to the people. Such wise and liberal legislation—the policy of the most progressive States of the day—was the rule in our own State from the early days of the Republic down to 1861. Now it has been more needed than ever, when success in every pursuit or calling can only be achieved by intelligent and well directed, or, in other words, by educated effort."

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When a Northern farmer passes through the Southern States, he is surprised, and pained, at the sight of a nature—so many of the fields; bare, excepting when covered with the prevailing brown sedge of the various, exceedingly poor, creeping plants called *Juncus* and *Eleusine*. These old fields are scarred with gullies, or washes, caused by the heavy rains, which have washed the soil down the slopes of the hills, and carry it down the slopes. Naturally, a stranger thinks these barren fields to be worn out and worthless. This is a great mistake. They are turned out to rest, while a piece of new ground is cleared and cultivated, and after a time takes its turn of rest, and the old field is plowed up and cropped again. This is the Southern substitute for manure, and is really a method—an exceedingly poor one, it is true—of following. These fields have never been plowed, to use this word in its true sense. They have been scratched over by the soil, and the soil has been turned, and when a Northern farmer, or an awakened Southern planter, tears up this soil with a good turning plow, and seeds it down to grass and clover, the yield is quite equal to that of a good field on a Northern farm. The writer has seen a Northern farmer, who has plowed, sown, and harvested, and the yield was three times, and sown with the clover and grass alone. This has been mowed twice for hay, yielding, in all, three tons of hay, and the aftermath was sold for \$1.00 per acre, and would make the most profitable way to treat old fields in the South, and if Southern farmers would adopt this plan, and feed stock on the grass in the winter, the greatest on the face of the South would be turned to profit. The characteristic plants of the old fields, in many localities, are seedling pines, which are so generally found in them, as to give the tree the name of Old Field Pine, also called Lobolly Pine.

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## Cutting and Curing Corn Fodder.

The enthusiastic advocates of ensilage, have accomplished a good thing—they have shown the value of Indian corn as a fodder crop, and the value of the old method of drying and preserving the fodder. The silo adds nothing to the value of the fodder. In other words, we may get corn, or silage, or both, but we can not get the silage without the corn. And so with the dried corn fodder. We may cure and dry the corn so as to retain all the nutriment there is in it. On the other hand, we can lose nutriment in the silo, from excessive fermentation and other causes, and we can easily lose equally as much, from exposure of the drying or dried fodder to rain, or from mold in the bundles, shocks or in stacks. In fact, I have never yet been able to stack corn fodder, or to keep it in bulk in the hay for any length of time, without considerable injury and loss. In my experience, the most economical way of raising and curing corn fodder is, first, to sow early on good land, in rows wide enough apart to admit the use of the horse-hoe, or a cultivator. Second, to keep the land well cultivated, as long as you get through the rows with a horse. Third, common field corn will make good fodder. A large variety of Southern corn, will give, possibly, a large proportion of the silage, and the earlier varieties of flint corn will give fine stalks and more leaves. Sweet corn is supposed to give sweeter stalks—perhaps so, perhaps not—a point, on which facts are needed. I know of no positive proof. At any rate, I know that common corn, sown early, at the rate of two and a half to three bushels per acre, and well cultivated, will give as good fodder as I want. When cut early, say the middle of August, it can be made, with proper care, into genuine "maize hay," of excellent quality. It is a better food for the cow than later, a heavier growth, but sometimes, but the quality is not always so good. At any rate, I

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In a late number you ask to hear from your readers who have tried the Jersey Reds. They were introduced here 7 or 8 years ago from New Jersey, and have taken several prizes, and are not found adapted to the circumstances and needs of the Southern farmer and were promptly discarded. They are doubtless a grand hog at their home in the North, (so are the Chester whites, which are utterly worthless here), but the States they will not prove at all satisfactory. The New Orleans Times Democrat and the Southern Live-Stock Journal are both perfectly correct when they teach and continue to teach that the Southern farmer must take his choice of breeds from the blacks, Essex, and Poland Chinas, and the Jersey. The Essex is the prettiest hog of them all—a model of gentleness and quietness, always fat—no matter how kept—and his progeny of the common sow is unequalled by any other male. But the breed is rather small and always inferior in quality to the others. It started—in fact, far too many of them are born dead. (I am speaking of the pure-bred). For this reason I gave them up, though with great reluctance. The Berkshire is well known. His blood courses in the veins of thousands of good hogs all over the land. Anywhere you can hear "over the Berkshire," as ample proof that a hog is a good one. But with his many good points, he is not so much inclined to be mischievous and even vicious and is not so tolerant of the range and fences are not first-class, and when they can not be kept separate from the stock. The Poland Chinas are not so generally known. Somewhat coarser than the blacks, they have all their good points, but are free from the objections that lie against those breeds. They are particularly good for the range, and are very quiet and docile. The sows are most excellent mothers (Mr. Pierson's statement to the contrary notwithstanding). The pigs start off promptly, grow well and fatten at all ages. As Mr. P. says, they are "a good corn-cropper, and a hard producer" and that is high commendation; for twist and whip around the matter as we may, we have not solved the problem of a suitable substitute for corn as a pork producer, and the hog that pays—always—and pays liberally for the corn he consumes is the hog for the South.

## Cutting and Curing Corn Fodder.

The enthusiastic advocates of ensilage, have accomplished a good thing—they have shown the value of Indian corn as a fodder crop, and the value of the old method of drying and preserving the fodder. The silo adds nothing to the value of the fodder. In other words, we may get corn, or silage, or both, but we can not get the silage without the corn. And so with the dried corn fodder. We may cure and dry the corn so as to retain all the nutriment there is in it. On the other hand, we can lose nutriment in the silo, from excessive fermentation and other causes, and we can easily lose equally as much, from exposure of the drying or dried fodder to rain, or from mold in the bundles, shocks or in stacks. In fact, I have never yet been able to stack corn fodder, or to keep it in bulk in the hay for any length of time, without considerable injury and loss. In my experience, the most economical way of raising and curing corn fodder is, first, to sow early on good land, in rows wide enough apart to admit the use of the horse-hoe, or a cultivator. Second, to keep the land well cultivated, as long as you get through the rows with a horse. Third, common field corn will make good fodder. A large variety of Southern corn, will give, possibly, a large proportion of the silage, and the earlier varieties of flint corn will give fine stalks and more leaves. Sweet corn is supposed to give sweeter stalks—perhaps so, perhaps not—a point, on which facts are needed. I know of no positive proof. At any rate, I know that common corn, sown early, at the rate of two and a half to three bushels per acre, and well cultivated, will give as good fodder as I want. When cut early, say the middle of August, it can be made, with proper care, into genuine "maize hay," of excellent quality. It is a better food for the cow than later, a heavier growth, but sometimes, but the quality is not always so good. At any rate, I

# THE GOVERNOR'S MESSAGE.

## SYNOPSIS OF THE SUGGESTIONS OF OUR CHIEF MAGISTRATE.

An Exhaustive Review of the Financial, Educational and Industrial Condition of the State—An Able and Interesting Paper.

On the first day of the present session of the Legislature Governor Thompson submitted the customary message to the General Assembly.

The first matter considered is the PUBLIC DEBT, which is now \$6,222,188.24, consisting of Brown bonds, valid Green bonds, deficiency bonds, and agricultural land scrip.

## THE REVENUES OF THE STATE.

The total revenues of the State and counties for the fiscal year commencing November 1, 1883, was about \$2,089,000, of which about \$1,396,000 was raised by taxation, and \$693,000 from phosphate royalty. The collection of the taxes was unusually full and satisfactory, nearly 98 per cent. of the assessed State tax having been collected, and nearly 96 per cent. of the county tax. The net receipt for each mill levied was \$145.60, being an increase of \$4,000 over the preceding year, and \$25,000 over the year 1878-79. The taxes for the fiscal year 1884-85 are now being collected, and the result cannot, therefore, be reported. The levy for the year 1884-85, divided as follows: For State, \$841,526; for counties, \$677,148; and for schools, \$512,320, not including polls.

It is estimated that it will require \$403,000 to meet the ordinary expenses of the Government for the fiscal year 1885-86, and \$391,000 to pay the interest on the public debt. These amounts will be increased by such additional appropriations as may be required by legislation, and will be decreased by the phosphate royalty and any surplus that may remain in the treasury. These amounts are contingent, and consequently unknown, the necessary levy can only be determined when the General Assembly prepares the annual supply bill.

**THE PHOSPHATE ROYALTY.** The phosphate royalty for the year ending 30 September, 1885, amounting to \$1